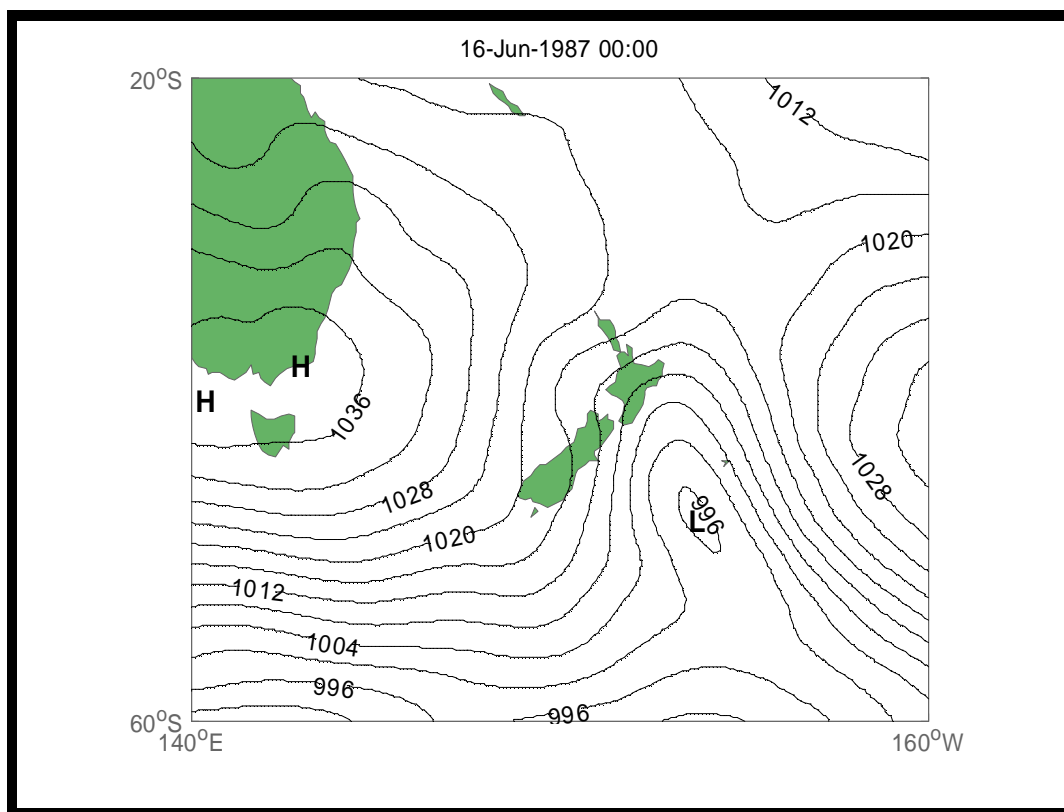


Coastal Storm Database - Event Summary

Date: 15-16 Jun 1987	Wind Direction: S
Event Type: Wind	Gisborne Duration (Hours): -
Location: Napier/Wellington	Wellington Duration (Hours): 24
Origin: Eastern NZ	Pressure Gradient: S to SSW
Type: East Coast Secondary Low	



Synoptic Conditions

A trough of low pressure passed over NZ as a southern ocean cyclone moved eastward south of NZ. A secondary cyclone then formed east off Christchurch and was just south of the Chatham Islands on the 15th. On the western side of the cyclone was a strong southerly airstream that swept into the Cook Strait area. As the cyclone moved off NZ a large intense anticyclone near Tasmania spread a ridge eastward onto western NZ, and the strong S to SSW flow continued in Cook Strait area.

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Wellington	2.9	7
Napier	3.1	7
Gisborne	3.6	7

*Highest Significant Wave Height

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
15-Jun-87		82 (N)	85 (N)
16-Jun-87	46 (SW)	41 (S)	87 (S)

Impact Area

Napier

Impacts and Damages

- Yacht smashed to pieces on Westshore Beach

Data Source

- 1 \$25.000 Yacht Dashed to Pieces: Dominion Post, 16/06/1987, p3
 - 2 Capital Shivers as Storm Hits: Evening Post, 16/06/1987, p1
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